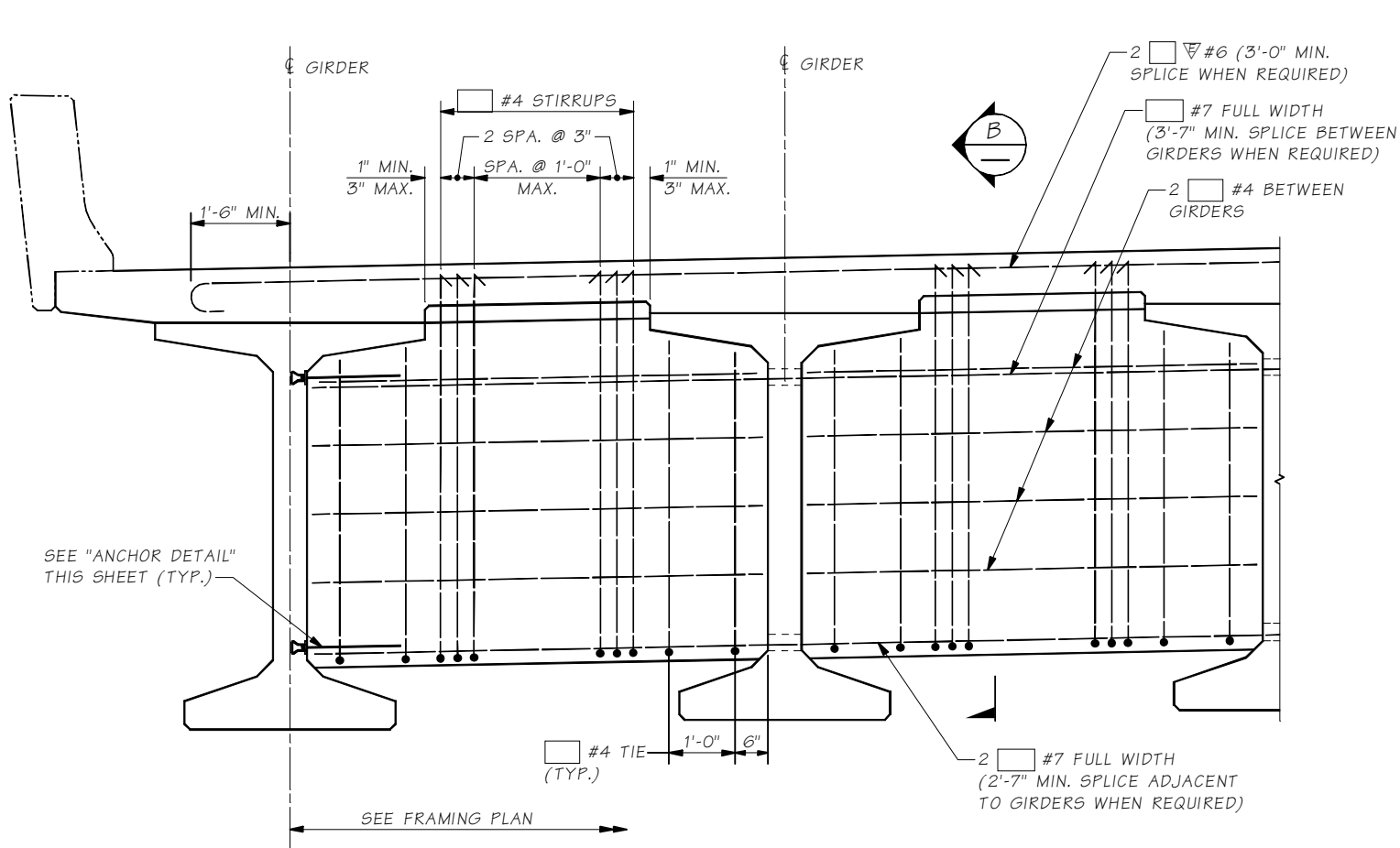


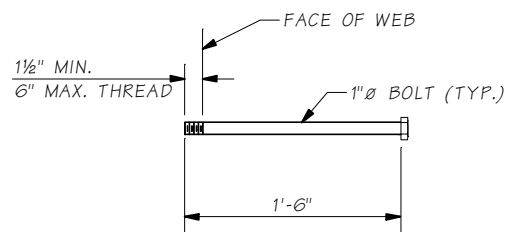
Last revised on : 7/20/2011

LEHS NO. 5.6-A4-20 SR



ELEVATION INTERMEDIATE DIAPHRAGM

DIMENSIONS ARE ALONG DIAPHRAGM



ANCHOR DETAIL

ASTM A-307

NOTE TO DESIGNER:

Full depth intermediate diaphragms are required for:

- I-5 bridges
- Other bridges crossing over roads of ADT > 50,000

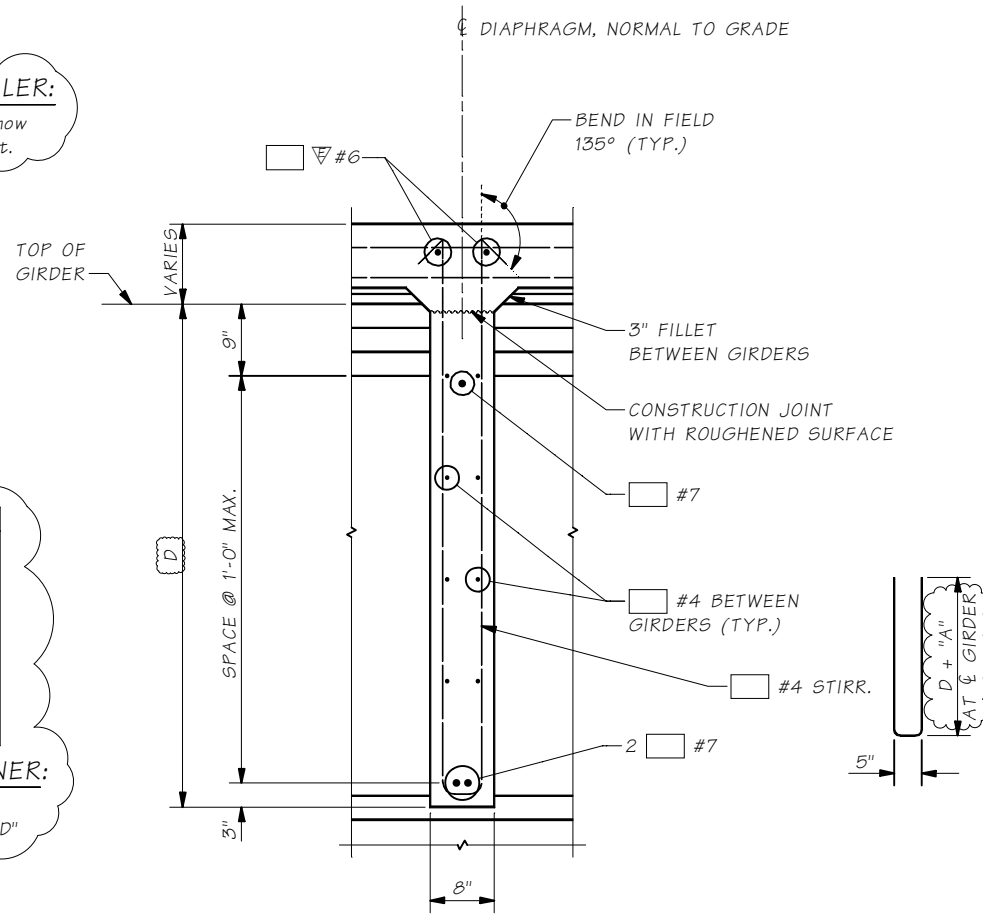
NOTE TO DETAILER:

Revise Details to show correct girder height.

GIRDER	D
WF36G	2'-0 ⁷ / ₈ "
WF42G	2'-6 ⁷ / ₈ "
WF50G	3'-2 ⁷ / ₈ "
WF58G	3'-10 ⁷ / ₈ "
WF66G	4'-6 ⁷ / ₈ "
WF74G	5'-2 ⁷ / ₈ "
WF83G	5'-11 ¹ / ₂ "
WF95G	6'-11 ³ / ₈ "
WF100G	7'-4 ⁷ / ₈ "

NOTE TO DESIGNER:

Insert appropriate dimension value for "D"



SECTION B

SEE "GIRDER
DETAILS" SHEET
FOR DIMENSION "A".

NOTES:

1. GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
2. IT MAY BE NECESSARY TO THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
3. CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
4. LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
5. FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

Bridge Design Engr.	M:\STANDARDS\Girders\WF\FULL INTERMEDIATE DIAPHRAGM.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D		

Wed Oct 17 13:28:53 2012

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

INTERMEDIATE
DIAPHRAGM DETAILS

BRIDGE
SHEET
NO.

SHEET

OF

SHEETS